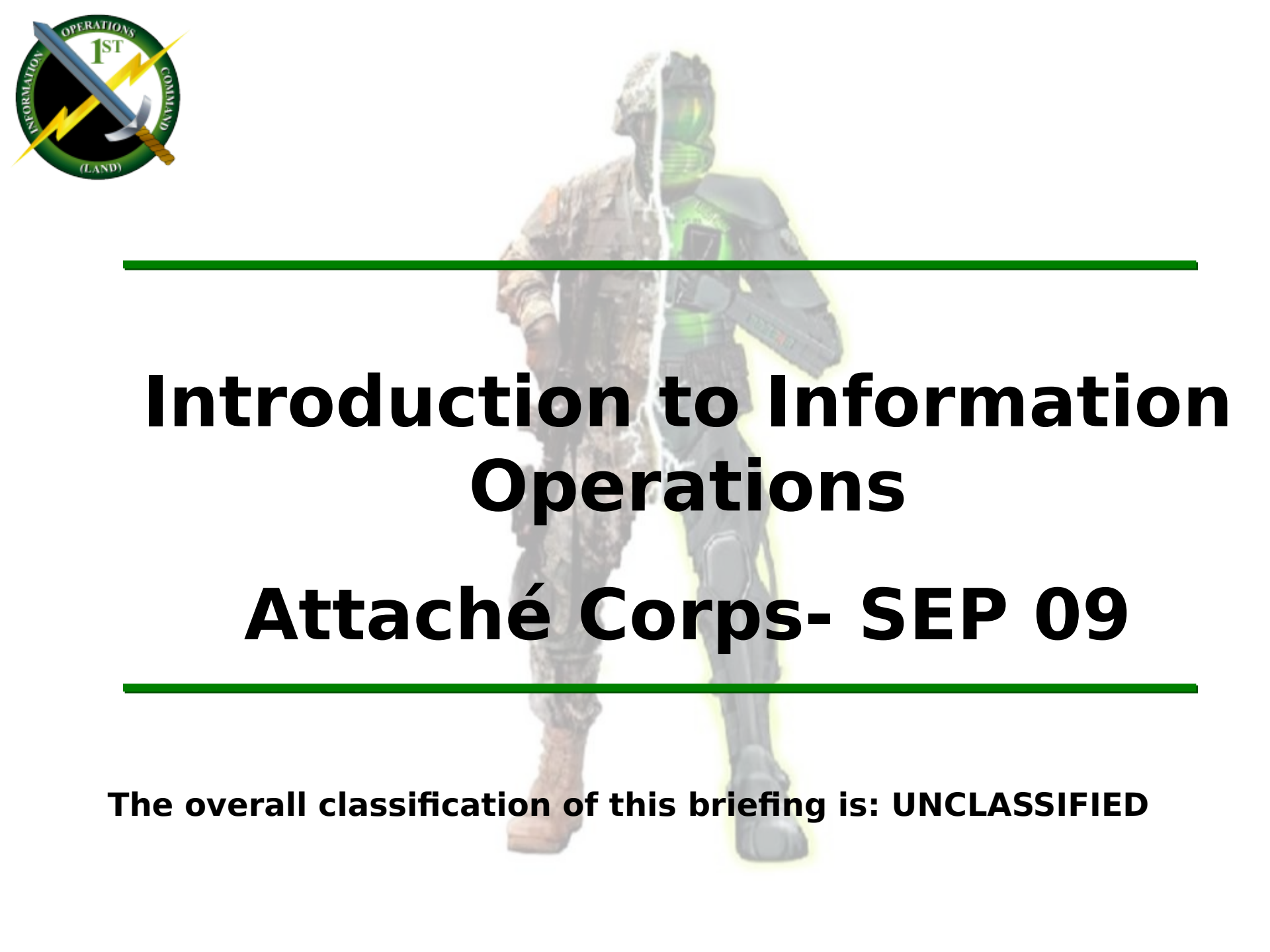


Introduction to Information Operations

Attaché Corps- SEP 09

The overall classification of this briefing is: UNCLASSIFIED

Information Superiority

Information Operations Command (Land)

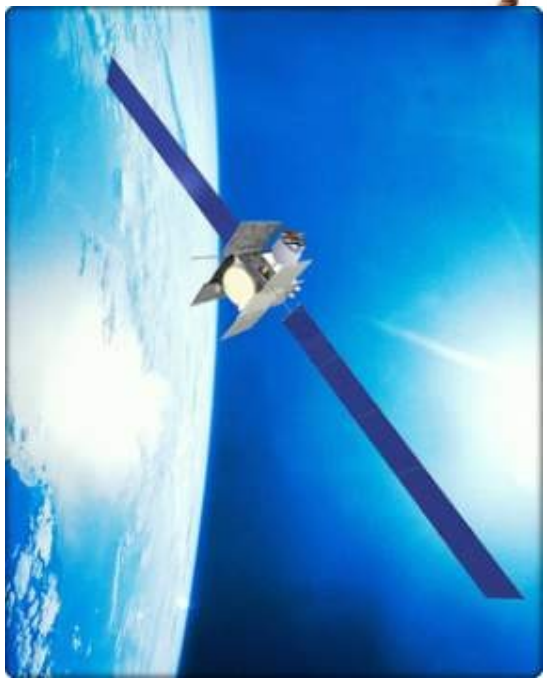
The operational advantage derived from the ability to collect, process, and disseminate an uninterrupted flow of information while exploiting or denying an adversary's ability to do the same.

(FM 3-0, JP 3-13)

Intel, Surveillance, Recon

Information Operations Command (Land)

- ***Intelligence***: Intelligence is the product resulting from collection, processing, integration , analysis, evaluation and interpretation of available information; information and knowledge about an adversary obtained through observation. (JP 1-02)
- ***Surveillance:*** The systematic observation of aerospace, surface or subsurface areas, places, persons, or things by visual, aural, electronic, photographic or other means. (JP 1-02)
- ***Reconnaissance:*** A mission undertaken to obtain by visual observation or other detection methods, information about the activities and resources of a enemy or potential enemy, or to secure data concerning the meteorological,



Information Operations

Information Operations Command (Land)

- ***Information Operations (IO):*** The employment of the core capabilities of electronic warfare, computer network operations, psychological operations, military deception, and operations security, in concert with specified supporting and related capabilities, to affect or defend information and information systems, and to influence decision-making. (FM 3-13)

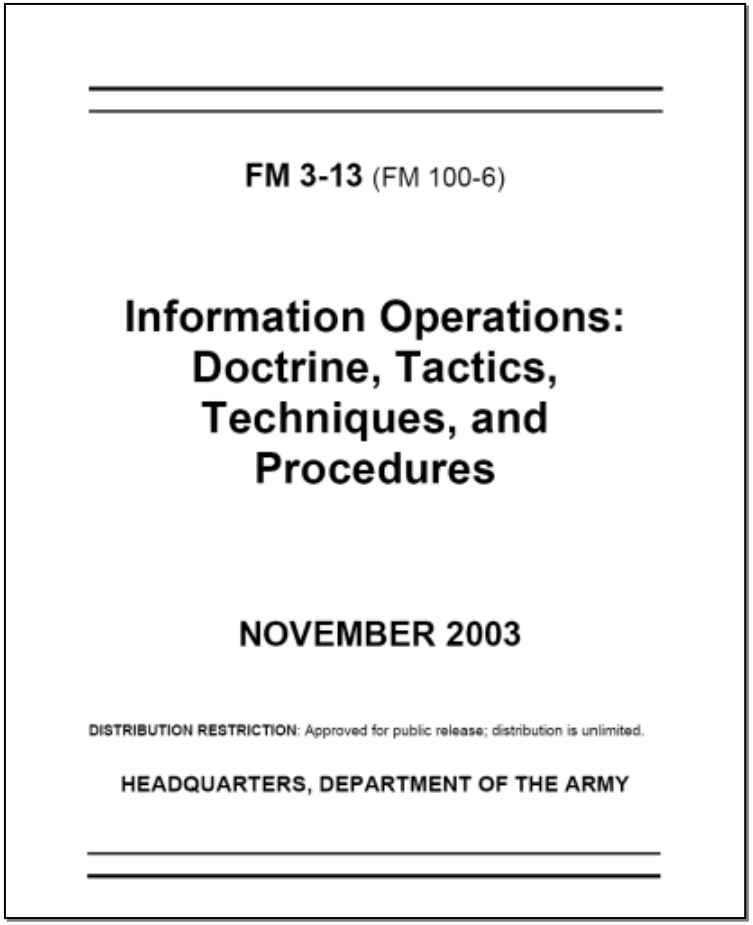
- ***Information Operations (IO):*** The integrated employment of the core capabilities of electronic warfare, computer network operations, psychological operations, military deception, and operations security, in concert with specified supporting and related capabilities, to influence, disrupt, corrupt or usurp adversarial human and automated decision making while protecting our own. (JP 3-13)

The Key Elements of IO

Information Operations Command (Land)

Core Elements of IO :

- **Operations Security (OPSEC)**
- **Psychological Operations (PSYOP)**
- **Military Deception (MD)**
- **Electronic Warfare (EW)**
- **Computer Network Operations**
  - **Computer Network Attack (CNA)**
  - **Computer Network Defense (CND)**
  - **Computer Network Exploitation (CNE)**



FM 3-13 (FM 100-6)

Information Operations: Doctrine, Tactics, Techniques, and Procedures

NOVEMBER 2003

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Operations Security

Information Operations Command (Land)

Operations Security **is process of identifying essential elements of friendly information (EEFI) and subsequently analyzing friendly actions attendant to military operations and other activities to:**

- **Identify those actions that can be observed by adversary intelligence systems.**
- **Determine indicators hostile intelligence systems might obtain that could be interpreted or pieced together to derive EEFI time to be useful to adversaries.**
- **Select and execute measures that eliminate or reduce to an acceptable level the vulnerabilities of friendly actions to adversary exploitation.**

(FM 3-13)

Psychological Operations

Information Operations Command (Land)

Psychological Operations

convey selected information to foreign audiences to influence their emotions, motives, objective reasoning, and ultimately to influence the behavior of foreign governments, organizations, groups, and individuals. (JP 3-53 / FM 3-05

Influence the behavior of foreign gov’ts, organizations, groups,

Military Deception

Information Operations Command (Land)

Military Deception **(MD) are actions executed to deliberately mislead adversary military decision makers as to friendly military capabilities, intentions, and operations, thereby causing the adversary to take specific actions (or inactions) that will contribute to the accomplishment of the friendly**
3-13)

Deliberately mislead enemy decision-maker!

Electronic Warfare

Information Operations Command (Land)

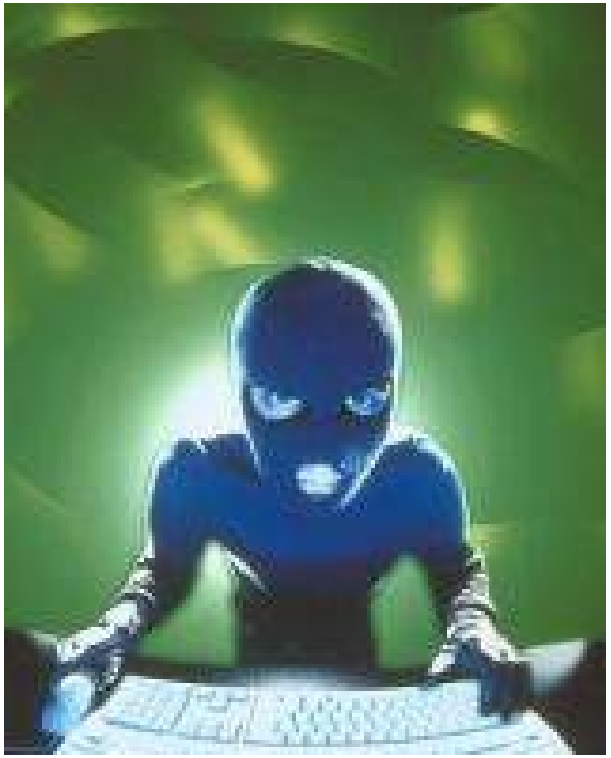
Electronic Warfare **is military action using electromagnetic and directed energy to control the electro-magnetic spectrum or to attack the enemy (JP 3-51/FM 3-13).**

The three major subdivisions of EW are:

- **Electronic Protection (EP)**
- **Electronic Warfare Support (**
- **Electronic Attack (EA)**

Computer Network Operations

- ***Computer network attack*** **is to disrupt, deny, degrade, or destroy information resident in computers and computer networks, or the computers and networks themselves (JP 1-02/ FM 3-13).**
- ***Computer network defense*** **consists of defensive measures to protect and defend information, computers, and networks from disruption, denial, degradation, or destruction (JP 3-51 / FM 3-13).**
- ***Computer network exploitation*** **(CNE) is enabling operations and intelligence collection to gather data from target or adversary automated information systems or networks. (DODD 3600.1 / FM 3-13)**

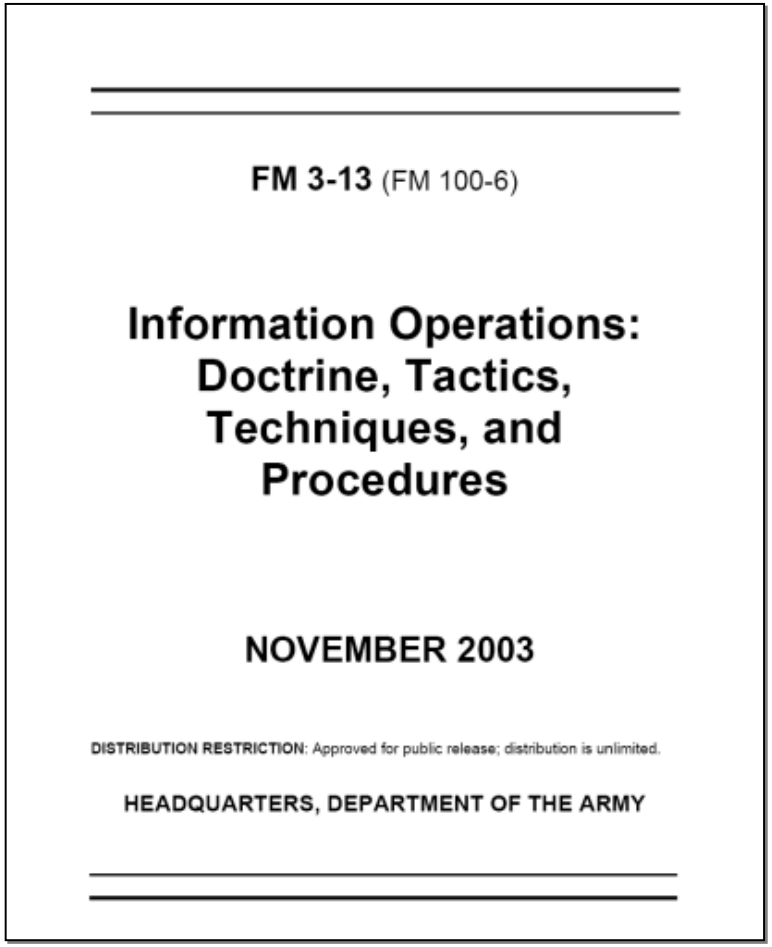


Related Activities

Information Operations Command (Land)

Related Activities **:**

- **Public Affairs**
- **Civil Military Operations**
- **Defense Support to Public Diplomacy**



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Public Affairs

Information Operations Command (Land)

Public Affairs **are those public information, command information, and community relations activities directed toward both the external and internal publics with interest in the Department of Defense. (JP 3-61**

Civil Military Operations

Information Operations Command (Land)

Civil Military Operations

establish, maintain, influence, or exploit relations between military forces, governmental and non-governmental civilian organizations and authorities, and the civilian populace in a friendly, neutral, or hostile operational area in order to facilitate military operations, to consolidate and achieve operational US objectives.

(FM 3-05.40/JP 3-57)

Combat Camera

Information Operations Command (Land)

Combat Camera: **The acquisition and utilization of still and motion imagery in support of combat, information, humanitarian, special force, intelligence, reconnaissance, engineering, legal, public affairs, and other operations involving the Military Services** **JP 3-61, JP 1-02**

Measuring Effects

Information Operations Command (Land)

Measure of Effectiveness – A criterion used to assess changes in system behavior, capability, or operational environment that is tied to measuring the attainment of an end state, achievement of an objective, or creation of an effect. (JP 3-0)

Measure of Performance – (DOD) A criterion to assess friendly actions that is tied to measuring task accomplishment. (JP 3-0)

Terrorist Zarqawi lashes out against Muslim clerics for not opposing US offensive operations in Iraq and Afghanistan

Post Falluja, Nov 04

Why is this important

Information Operations Command (Land)

- What are those things that we need to do as allies?
- Coalition operations and IO
- International Community

Summary

Information Operations Command (Land)

- IO: Integrated employment of capabilities
- Core, Supporting, Related
- Effects
- Planning
- IO Objectives
- Tasks
- IO Cell